

## EAST Search History

| Ref # | Hits | Search Query                                      | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 2    | "5459837".pn.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 08:20 |
| L3    | 1    | 11/235610   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/01 09:10 |
| L4    | 2    | 09/851267   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/01 09:13 |
| L6    | 0    | shrink\$5 near5 TTL same IP same address same DNS | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/01 09:16 |
| L7    | 0    | shrink\$5 near5 TTL same IP same address          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/01 09:16 |
| L8    | 18   | reduc\$5 near5 TTL same IP same address           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/01 10:38 |
| L18   | 120  | dynamical\$8 same (TTL)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 10:44 |

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|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| L19 | 6   | dynamical\$8 same (TTL) same<br>(decreas\$5 shorter)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/01 10:44 |
| S1  | 94  | resolv\$5 same IPV4 same IPv6 same<br>address                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 10:29 |
| S2  | 2   | "6580717".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/27 10:34 |
| S3  | 1   | 11/388470   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/27 10:34 |
| S4  | 3   | cach\$6 same (TTL expir\$9) same IPV4<br>same IPv6 same address | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 14:01 |
| S5  | 3   | cach\$6 same (TTL expir\$9) same IPV4<br>same IPv6 same address | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/27 13:37 |
| S6  | 491 | cach\$6 same (R-TTL expir\$9) same<br>address                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/27 14:33 |

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|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S7  | 1    | cach\$6 same (R-TTL) same address same DNS                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:38 |
| S8  | 1    | cach\$6 same (R-TTL) same address                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:38 |
| S9  | 2539 | cach\$6 and (R-TTL expir\$9) same address                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:40 |
| S10 | 1    | cach\$6 same (R-TTL) and address same IPV4 same IPv6         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:40 |
| S11 | 133  | cach\$6 and (R-TTL expir\$9) same address and IPV4 same IPv6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:41 |
| S12 | 1    | cach\$6 and (R-TTL) same address and IPV4 same IPv6          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:45 |
| S13 | 1    | cach\$6 and (R-TTL)and IPV4 same IPv6                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:42 |

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|-----|-----|--|--|----|----|------------------|
| S14 | 1   | cach\$6 and (R-TTL) and address                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:43 |
| S15 | 1   | (R-TTL) and address                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:43 |
| S16 | 63  | cach\$6 and (TTL) same address and<br>IPV4 same IPV6     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28 07:30 |
| S17 | 4   | cach\$6 and (linger) same address and<br>IPV4 same IPV6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 13:51 |
| S18 | 83  | shorter same (TTL expir\$9) same<br>address              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 14:59 |
| S19 | 235 | DNS near5 caching  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:13 |
| S20 | 0   | DNS near5 caching and setting near5<br>shorter near4 TTL | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:14 |

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|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
| S21 | 0 | DNS and setting near5 shorter near4 TTL | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:14 |
| S22 | 0 | setting near5 shorter near4 TTL         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:36 |
| S23 | 7 | DNS near5 caching and shorter near4 TTL | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:14 |
| S24 | 1 | DNS same adjust near4 TTL               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 15:39 |
| S25 | 4 | DNS same calculat\$5 near4 TTL          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 16:20 |
| S26 | 4 | 10/061331                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/27 16:20 |
| S27 | 2 | "6355966".pn.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 08:20 |

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|     |    |  |  |    |     |                  |
|-----|----|--|--|----|-----|------------------|
| S28 | 2  | "6335966".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/28 09:05 |
| S29 | 29 | assign\$5 same (ttl) same (server<br>near5 address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/28 09:08 |
| S30 | 0  | assign\$5 same shorter near5 (ttl)<br>same (server near5 address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/28 09:09 |
| S31 | 0  | assign\$5 same shorter near5<br>(expiration) same (server near5<br>address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/28 09:49 |
| S32 | 2  | "6959333".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/28 09:50 |
| S33 | 10 | ("20020038360"   "6112239"  <br>"6175869"   "6178160"   "6223209"  <br>"6249801"   "6425003"   "6629127"  <br>"6694358"   "6810411").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/09/28 09:53 |
| S34 | 1  | "6175869".pn.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/09/28 09:53 |
| S35 | 37 | test\$8 same IPV4 same IPv6 same<br>address  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 10:46 |

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|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S36 | 0   | test\$8 near6 (validity) same IPV4 same IPv6 same address                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 10:47 |
| S37 | 0   | test\$8 near6 (validity) and IPV4 same IPv6 same address                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 10:47 |
| S38 | 131 | test\$8 near6 (address connect\$5) and IPV4 same IPv6 same address          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:34 |
| S39 | 2   | test\$8 near6 (address) near4 (connect\$5) same IPV4 same IPv6              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:56 |
| S40 | 10  | ("20010040895" "20010047407" "20020026527" "20020039357" "20020161879").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:39 |
| S41 | 2   | "6580717".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:39 |
| S42 | 4   | ("20030088702" "20030225911").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:40 |

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|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S43 | 1   | test\$8 near6 (address) near4 (link\$5)<br>same IPV4 same IPv6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 12:59 |
| S44 | 0   | test\$8 near6 (coonect\$5) same IPV4<br>same IPv6              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:32 |
| S45 | 5   | test\$8 near6 (connect\$5) same IPV4<br>same IPv6              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:00 |
| S46 | 1   | test\$8 near6 (protocol) same IPV4<br>same IPv6                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:01 |
| S47 | 250 | connect\$8 near6 (protocol) same IPV4<br>same IPv6             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:04 |
| S48 | 3   | 10/665745  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:05 |
| S49 | 3   | 10/938563  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:06 |



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|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S50 | 1      | 09/753582                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:08 |
| S51 | 121953 | SOAP   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:09 |
| S52 | 8      | try\$8 same(connect\$5) same IPV4<br>same IPV6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:33 |
| S53 | 0      | poll\$8 same(DNS) same IPV4 same<br>IPv6       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:33 |
| S54 | 54     | query\$8 same(DNS) same IPV4 same<br>IPv6      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:43 |
| S55 | 57855  | "709"/\$.cls.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:47 |
| S56 | 1      | 10/644009                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:45 |

## EAST Search History

|     |    |   |  |    |     |                  |
|-----|----|---|--|----|-----|------------------|
| S57 | 2  | 10/084252   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:45 |
| S58 | 1  | 10/842747   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:45 |
| S59 | 94 | resolv\$5 same IPV4 same IPv6 same address          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:47 |
| S60 | 41 | "709"/\$.ccls. and S59                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:54 |
| S61 | 15 | 370/252,254,389,395.5,401,409,466.<br>ccls. and S59 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:49 |
| S62 | 2  | 09/851267   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 13:58 |
| S63 | 1  | 11/235610   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 14:00 |

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|     |    |   |  |    |     |                  |
|-----|----|---|--|----|-----|------------------|
| S64 | 2  | 09/903071   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/10/01 08:58 |
| S65 | 26 | DNS same (defin\$5 dynamic\$5<br>reduc\$5 short\$5) near6 (TTL)same<br>address  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 14:03 |
| S66 | 26 | DNS same (defin\$5 dynamic\$5<br>reduc\$5 short\$5) near6 (TTL) same<br>address | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/28 14:03 |